GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:6395
ANSWERED ON:08.05.2002
PERFORMANCE OF HEAVY WATER PLANTS
RAMDAS ATHAWALE

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether power produced by the Heavy Water Plants in the country is much below the target;

(b) if so, the reasons therefor;

(c) the installed capacity and actual production made by each plant during the last three years, year-wise; and

(d) the steps taken/proposed to be taken by the Government to increase generation capacity of each plant?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF SMALL SCALE INDUSTRIES (SHRI MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS), MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINIS OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE)

(a) The Heavy Water Plants produce heavy water, which is used as coolant and moderator in pressurized heavywater reactors(PHWR) which produce electricity. The production in heavy water plants has been above the targets.

(b) Does not arise.

(c) the installed capacities of operating heavy water plants are as follows :-

Manuguru	-	185 MT
Kota	-	80 MT
Hazira	-	80 MT
Thal	-	78 MT
Tuticorin	-	49 MT

Heavy Water being a strategic material, the figures of actual production are not disclosed.

(d) The overall capacity utilization of operating plants has been excellent during the last 3 years as a result of the various steps taken to increase the feed process rate, re-optimization of the operating para-meters, improvements in feed concentration and stream hours etc.